



App. No. 10/705,562  
Docket No. PAT025US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION:  
Graham McElhinney

SERIAL NO. 10/368,257

CONFIRMATION NO.

FILED: November 11, 2003

FOR: WELL TWINNING TECHNIQUES  
IN BOREHOLE SURVEYING

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EXAMINER: Unknown

GROUP ART UNIT: Unknown

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicant lists below the following references believed to be relevant to the subject matter of the above-identified application:

U.S. PATENT DOCUMENTS

	<u>Patent/Application No.</u>	<u>Date</u>	<u>Inventor</u>
1.	3,170,137	02-16-1965	Brandt
2.	4,302,886	12-01-1981	Starr
3.	4,909,336	03-20-1990	Brown et al.
4.	4,987,684	01-29-1991	Andreas et al.
5.	5,194,859	03-16-1993	Warren
6.	5,220,963	06-22-1993	Patton

7.	5,259,466	11-09-1993	Venditto et al.
8.	5,351,755	10-04-1994	Howlett
9.	5,415,238	05-16-1995	Nice
10.	5,419,405	05-30-1995	Patton
11.	5,439,064	08-08-1995	Patton
12.	5,842,149	11-24-1998	Harrell et al.
13.	5,996,711	12-07-1999	Ohmer
14.	6,003,599	12-21-1999	Huber et al.
15.	6,021,377	02-01-2000	Dubinsky et al.
16.	6,065,550	05-23-2000	Gardes
17.	6,092,610	07-25-2000	Kosmala et al.
18.	6,145,378	11-14-2000	McRobbie et al.
19.	6,173,773	01-16-2001	Almaguer et al.
20.	6,192,748-B1	02-27-2001	Miller
21.	6,233,524-B1	05-15-2001	Harrell et al.
22.	6,267,185-B1	07-31-2001	Mougel et al.
23.	6,296,066-B1	10-02-2001	Terry et al.
24.	6,315,062-B1	11-13-2001	Alft et al.
25.	6,453,239-B1	09-17-2002	Shirasaka et al.
26.	6,470,976-B2	10-29-2002	Alft et al.
27.	2002/0005286-A1	01-17-2002	Mazorow et al.
28.	2002/0005297-A1	01-17-2002	Alft et al.

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29.	2002/0116130-A1	08-22-2002	Estes et al.
30.	2002/0133958-A1	09-26-2002	Noureldin et al.

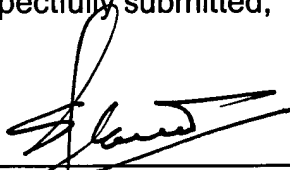
Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Supplemental Information Disclosure Statement.

This Supplemental Information Disclosure Statement is being filed **within** three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application.

Respectfully submitted,

Date:

Dec 2, 2003

  
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/705,562
Filing Date	11-11-2003
First Named Inventor	MCELHINNEY, Graham
Art Unit	
Examiner Name	
Attorney Docket Number	PAT025US

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
	AA	US-	3,170,137	02-16-1965	Brandt	
	AB	US-	4,302,886	12-01-1981	Starr	
	AC	US-	4,909,336	03-20-1990	Brown et al.	
	AD	US-	4,987,684	01-29-1991	Andreas et al.	
	AE	US-	5,194,859	03-16-1993	Warren	
	AF	US-	5,220,963	06-22-1993	Patton	
	AG	US-	5,259,466	11-09-1993	Venditto et al.	
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	AJ	US-	5,419,405	05-30-1995	Patton	
	AK	US-	5,439,064	08-08-1995	Patton	
	AL	US-	5,842,149	11-24-1998	Harrell et al.	
	AM	US-	5,996,711	12-07-1999	Ohmer	
	AN	US-	6,003,599	12-21-1999	Huber et al.	
	AO	US-	6,021,377	02-01-2000	Dubinsky et al.	
	AP	US-	6,065,550	05-23-2000	Gardes	
	AQ	US-	6,092,610	07-25-2000	Kosmala et al.	
	AR	US-	6,145,378	11-14-2000	McRobbie et al.	
	AS	US-	6,173,773	01-16-2001	Almaguer et al.	
	AT	US-	6,192,748-B1	02-27-2001	Miller	
	AU	US-	6,233,524-B1	05-15-2001	Harrell et al.	
	AV	US-	6,267,185-B1	07-31-2001	Mougel et al.	
	AW	US-	6,296,066-B1	10-02-2001	Terry et al.	
	AX	US-	6,315,062-B1	11-13-2001	Alft et al.	
	AY	US-	6,453,239-B1	09-17-2002	Shirasaka et al.	
	AZ	US-	6,470,976-B2	10-29-2002	Alft et al.	
	AAA	US-	2002/0005286-A1	01-17-2002	Mazorow et al.	
	AAB	US-	2002/0005297-A1	01-17-2002	Alft et al.	
	AAC	US-	2002/0116130-A1	08-22-2002	Estes et al.	
	AAD	US-	2002/0133958-A1	09-26-2002	Noureldin et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Country Code-Number-Kind Code				

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>1</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

<sup>1</sup>Applicant is to place a check mark here if English language Translation is attached.